



Summary of selection procedure announcement DD n. 91/2013

Call title: Selection procedure for the assignment of a two-year research grant in the framework of the European Research Council Starting Grant Project Cosmology with the Intergalactic Medium (cosmoIGM).

Research Project: “*The Medium Scale Structure of the Universe*”. The main goals of the project are as follows:

- Large, Medium, and Small Scale structure of the Universe;
- Measurement of cosmological parameters in standard and non-standard scenarios;
- Modelling of the Inter Galactic Medium.

The above goals will be achieved through systematic comparison between observational data and results of N-body simulations and/or semi-analytical models of the large scale structure as e.g. extensions of the linear theory. The successful applicant will work in close collaboration with Dr. Matteo Viel and with other members of the Cosmology group of the Astronomical Observatory of Trieste in the framework of the project CosmoIGM granted by the EU. The members of the CosmoIGM group are very active in the field of Intergalactic Medium physics (the projects are: SDSS/BOSS, UVES and X-Shooter), of cosmological neutrinos and standard and non-standard models of the large scale structure. Further questions on science can be sent to Matteo Viel (e-mail: viel [at] oats.inaf.it).

Host Institution: The research activity will be performed at INAF-Astronomical Observatory of Trieste (Italy).

Deadline: 20 January 2014. Budget: gross annual salary Euro 29,640,00. Generous travel/research money. **Expected starting date:** Before November 1st 2014.

Requirements for participation: Degree in Astronomy or in Physics, Ph.D degree if available, and a detailed CV enabling assessment of scientific and professional experience’s relevance to the scientific project. Foreign Ph.D certificates or other academic qualifications will be assessed by the Selection Committee (3 years of postgraduate research experience if the PhD has not been obtained are necessary). *Two letters of reference* that can be sent to viel [at] oats.inaf.it.

Evaluation procedure: the selection procedure is based on a comparative evaluation of submitted qualifications and professional experience of applicants. Eligible applicants could be interviewed.

Details and application forms can be found at:

FORMS TO APPLY – DD: 91/2013: <http://www.ts.astro.it/en/job-opportunities>

INFO ON THE ERC-PROJECT: <http://adlibitum.oats.inaf.it/viel/cosmoIGM/>

INFO ON TRIESTE OBSERVATORY: <http://www.ts.astro.it/>

INFO ABOUT LIVING IN TRIESTE: <http://www.welcomeoffice.fvg.it/>